

SEP 24 1962

THE LILLY RESEARCH LABORATORIES

ELI LILLY AND COMPANY  
INDIANAPOLIS 6, IND., U. S. A.

September 18, 1962

Dr. Joshua Lederberg, Chairman  
Department of Genetics  
School of Medicine  
Stanford University  
Stanford, California

Dear Dr. Lederberg:

Thank you for your letter of September 14 with welcome comments on our ribotide amidate work.

Concerning the thymidylic derivative, I will have to do some work on the cold synthesis. I hope we will be able to do the  $C^{14}$  or tritium label later here or at S.I.M.B.

I have given some thought recently to extending this work to the 5 FU series as this would add to the picture and be, chemically, actually easier in the last step of the synthesis. I will communicate on this with Dr. Aronow and, if agreeable, *with him*, I will contact Dr. Heidelberger at Wisconsin. He has both starting materials and test organisms on hand. This would reduce my work from years to weeks.

I am anxious to pursue this work but find it more time consuming than I had thought to get the laboratory going.

I am sorry to hear that you will be unable to come here in October, but we will try to do the best we can in spite of this handicap.

Sincerely yours,



Koert Gerzon  
Organic Chemical Division

ba

*sent Thym  
E. coli*

*Gerzon*